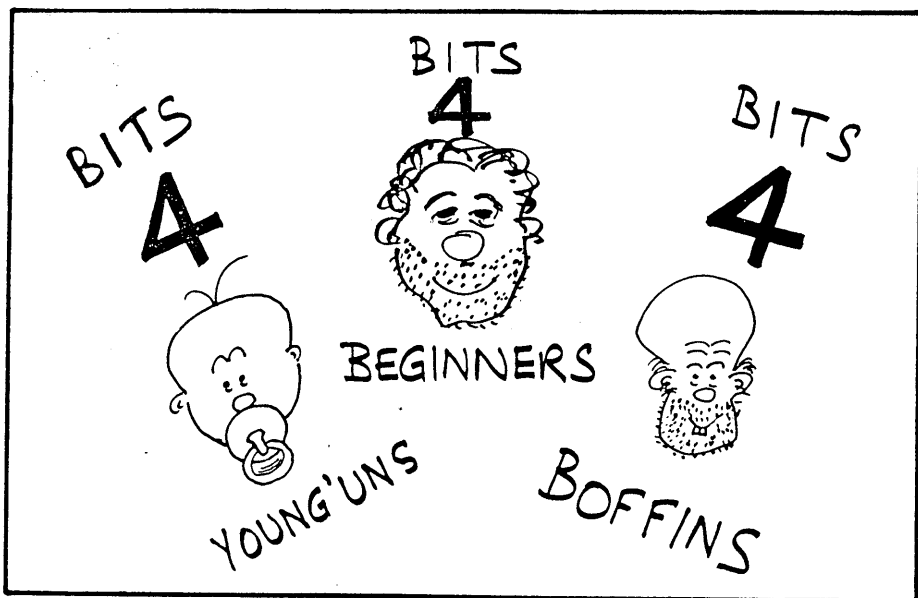


INTERNATIONAL TI-LINES

Volume 3, Issue 1

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A PUBLICATION OF THE INTERNATIONAL TI USER GROUP



Formerly OXON TI USERS

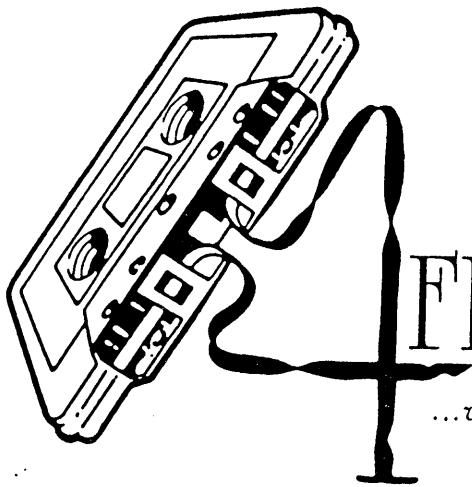
A PUBLICATION
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new

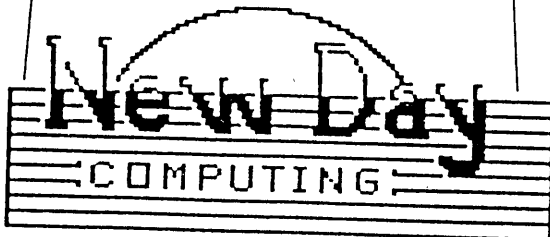
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...very impressive...

-S. Shaw

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Get yourself and your micro into the data communications age with the new GEC Datachat 1223 modem.

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Datachat is cheap to use, too. Off-peak local calls can cost as little as 40p an hour*.

And because Datachat 1223 is powered from the telephone line, there's no mains supply or batteries to pay for.

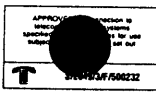
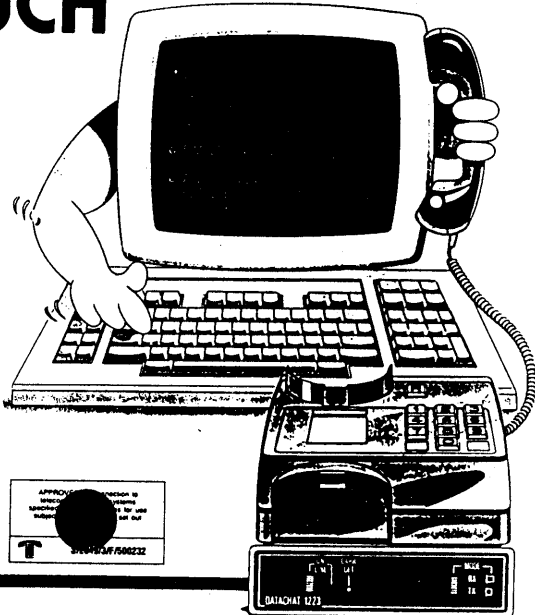
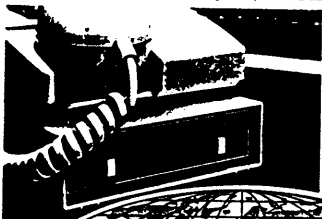
Designed and manufactured in the United Kingdom to professional standards by GEC Telecommunications Limited, Datachat 1223 is ideal for both business and home users.

In technical terms, it's compatible with the international CCITT V.23 standard, providing 75 1200 bit/sec communication. And it's fully approved by the British Approvals Board for Telecommunications.

Your dealer will be able to tell you whether your computer is compatible with Datachat 1223, and if you need any communications software.

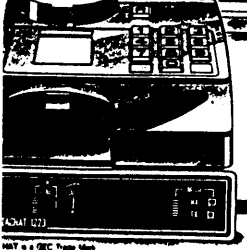
So go along and talk to your dealer soon, and get into the data communications age.

*Prices correct at time of going to press.



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88C
DATACHAT
MODEM
1223

SPECIFICATION

Modem 1223	
Line Interface CONNECTOR — type	A standard BT 800 series' wall socket
Power	Line powered. Line current is provided by a standard telephone line
Data Rates TRANSMIT MODE —	Transmit 1200 bits Receive 75 bits
RECEIVE MODE —	Transmit 75 bits Receive 1200 bits
In accordance with CCITT recommendation V23 1200/1200 bits pseudo full duplex is possible under control of the terminal software	
Data Interface CONNECTOR — type	In accordance with CCITT recommendation V24 and RS 232C 5-way 24-pin DIN connector
— pin connections	CCITT DESIGNATION RS 232 DESIGNATION PIN NUMBER
— common return (GND)	102 BA 3
— transmitted data (TxD)	103 AB 1
— received data (RxD)	104 BB 5
— request to send (RTS)	105 CA 2
— data channel received line signal detector (DCD)	109 CF 4
Transmitter FORMAT	Asynchronous frequency shift keyed modulator (FSK)
LEVEL	-9 dBm maximum into 800 ohms
Receiver FORMAT	Asynchronous frequency shift keyed demodulator (FSK)
SENSITIVITY	0 to -43 dBm in any mode
Frequency Allocation	Binary 0 2100 Hz # 0 - 1200 bits Binary 1 1300 Hz BA Binary 0 450 Hz BB Binary 1 390 Hz # 0 - 75 bits
Data Channel Received Line Signal Detector	ON: at > -43 dBm OFF: at < -48 dBm
Software Mode Control REQUEST TO SEND	ON: transmit mode OFF: receive mode
Dimensions	140mm wide, 210mm deep, 45mm high
Weight	0.8 kg approximately

UK PATENT APPL NO 800155



